

12/30/99



C662 U.S. PTO

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PTO/SB/05 (1/98)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postage Service on this date December 30, 1999, in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. EL 453980099 addressed to: Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, DC 20231.

By:

Diane J. Frauchiger

Attorney Docket No.: 16026-9038

UTILITY PATENT APPLICATION  
TRANSMITTAL

First Named Inventor or Application Identifier:

Bitner et al.

Title: CELL CONCENTRATION AND LYSATE CLEARANCE USING  
PARAMAGNETIC PARTICLES

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning patent application contents

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total Pages: 42  
(preferred arrangement set forth below)
- Descriptive Title of Invention
  - Cross References to Related Applications
  - Statement Regarding Fed Sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) Total Sheets: 3
4. ☒ Oath or Declaration - Unsigned
- a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 Below)
  - i. ☐ Deletion of Inventor(s). Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement Verifying Identity of Above Copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet and document(s))
9. ☐ 37 CFR 3.73(b) Statement (When there is an assignee)  
☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS/PTO-1449)  
☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s)  
☐ Statement filed in prior application; status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: Postcard

17. ☐ If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application number: 60/134,156

## 18. CORRESPONDENCE ADDRESS

NAME	Karen B. King				
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Name (Print/Type)	Karen B. King			Registration No. (Attorney/Agent)	41,898
Signature				Date	December 30, 1999

(NOTE: If filing as missing parts, you MUST send unsigned DEC listing ALL inventors or list ALL inventors above.)

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09/475958  
12/30/99

## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small Entity payments must be supported by a small entity statement.  
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT \$1056.00

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 30-0842  
Deposit Account Name: Michael Best & Friedrich LLP

Charge any additional fee required under 37 CFR 1.16 and 1.17  
Charge the issue fee set in 37 CFR 1.18 at the Mailing of the  
the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Code (\$)	Code (\$)	Fee Description	Fee Paid
101	760	201	380	101	760	Utility filing fee	\$ 690.00
106	310	206	155	106	310	Design filing fee	\$
107	480	207	240	107	480	Plant filing fee	\$
108	760	208	380	108	760	Reissue filing fee	\$
114	150	214	75	114	150	Provisional filing fee	\$
SUBTOTAL (1)							\$ 690.00

#### 2. EXTRA CLAIM FEES

Extra Claims	Fee from Below	Fee Paid
Total Claims 36 - 20** = 16	x 18 =	\$ 288.00
Independent Claims 4 - 3** = 1	x 78 =	\$ 78.00
Multiple Dependent	x	\$

\*\*or number previously paid, if greater, for Reissues, see below

Large Entity	Small Entity	Fee	Fee	Code (\$)	Code (\$)	Fee Description	Fee Paid
103	18	203	9	103	18	Claims in excess of 20	\$
102	78	202	39	102	78	Independent claims in excess of 3	\$
104	260	204	130	104	260	Multiple dependent claim, if not paid	\$
109	78	209	39	109	78	**Reissue independent claims over original patent	\$
110	18	210	9	110	18	**Reissue claims in excess of 20 and over original patent	\$
SUBTOTAL (2)							\$ 366.00

### Complete if Known

Application Number	
Filing Date	
First Named Inventor	Bitner et al.
Examiner Name	
Group/Art Unit	
Attorney Docket No.	16026-9038

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Code (\$)	Code (\$)	Fee Description	Fee Paid
105	130	205	65	105	130	Surcharge - late filing fee or oath	\$
127	50	227	25	127	50	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	139	130	Non-English specification	\$
147	2520	147	2520	147	2520	For filing a request for reexamination	\$
112	920*	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1840*	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	115	110	Extension for reply within 1 <sup>st</sup> month	\$
116	380	216	190	116	380	Extension for reply within 2 <sup>nd</sup> month	\$
117	870	217	435	117	870	Extension for reply within 3 <sup>rd</sup> month	\$
118	1360	218	680	118	1360	Extension for reply within 4 <sup>th</sup> month	\$
128	1850	228	925	128	1850	Extension for reply within 5 <sup>th</sup> month	\$
119	300	219	150	119	300	Notice of Appeal	\$
120	300	220	150	120	300	Filing a brief in support of an appeal	\$
121	260	221	130	121	260	Request for oral hearing	\$
138	1510	138	1510	138	1510	Petition to institute a public use proceeding	\$
140	110	240	55	140	110	Petition to revive - unavoidable	\$
141	1210	241	605	141	1210	Petition to revive - unintentional	\$
142	1210	242	605	142	1210	Utility issue fee (or reissue)	\$
143	430	243	215	143	430	Design issue fee	\$
144	580	244	290	144	580	Plant issue fee	\$
122	130	122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	123	50	Petitions related to provisional applications	\$
126	240	126	240	126	240	Submission of Information Disclosure Statement	\$
581	40	581	40	581	40	Recording each patent assignment per property (times number of properties)	\$
146	760	246	380	146	760	Filing a submission after a final rejection (37 CFR 1.129(a))	\$
149	760	249	380	149	760	For each additional invention to be examined (37 CFR 1.129(b))	\$
Other fee (specify)							\$
Other fee (specify)							\$
*Reduced by Basic Filing Fee Paid							\$
SUBTOTAL							\$

### SUBMITTED BY

Typed or Printed Name

Karen B. King

### Complete (if applicable)

Reg. Number 41,898

Signature

*Karen B. King*

Date

December 30, 1999

Deposit Account User ID

KBKing